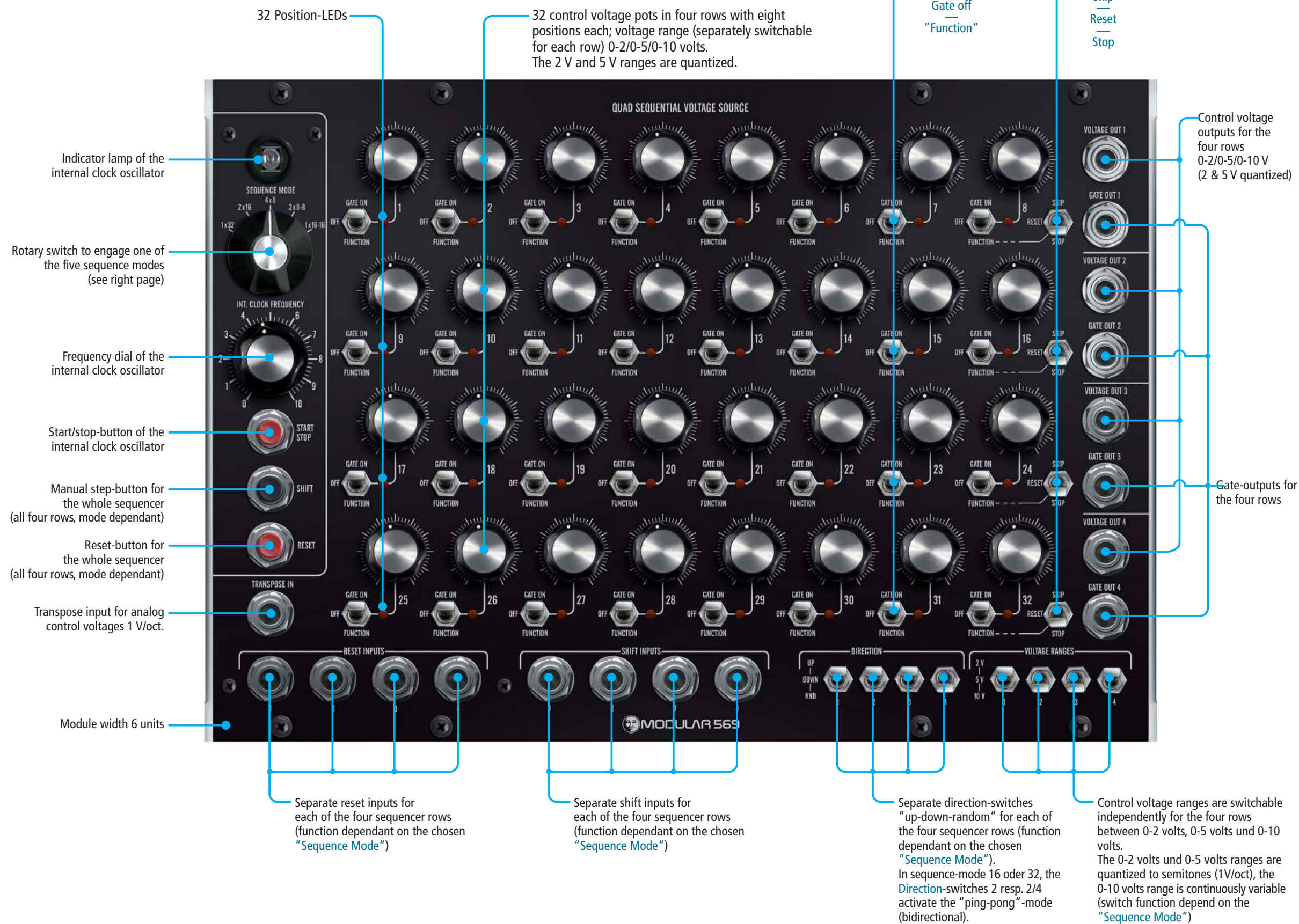


## QUAD SEQUENTIAL VOLTAGE SOURCE



- 32 control voltage pots in four rows with eight positions each; voltage range (separately switchable for each row) 0-2/0-5/0-10 volts. The 2 V and 5 V ranges are quantized.

- 32 step-mode switches offering for every step/ voltage position:

Gate on  
—  
Gate off  
—  
"Function"

- With the step-mode switches in their "Function" position, the switches in this row can have one of the following functions:

Skip  
—  
Reset  
—  
Stop

- Control voltage outputs for the four rows  
0-2/0-5/0-10 V  
(2 & 5 V quantized)

Gate-outputs for the four rows

- Separate direction-switches "up-down-random" for each of the four sequencer rows (function dependant on the chosen "Sequence Mode").
- In sequence-mode 16 oder 32, the Direction-switches 2 resp. 2/4 activate the "ping-pong"-mode (bidirectional).

Control voltage ranges are switchable independently for the four rows between 0-2 volts, 0-5 volts and 0-10 volts. The 0-2 volts and 0-5 volts ranges are quantized to semitones (1V/oct), the 0-10 volts range is continuously variable (switch function depend on the "Sequence Mode")

- Separate reset inputs for each of the four sequencer rows (function dependant on the chosen "Sequence Mode")

- Separate shift inputs for each of the four sequencer rows (function dependant on the chosen "Sequence Mode")

Indicator lamp of the  
internal clock oscillator

Rotary switch to engage one of  
the five sequence modes  
(see right page)

Frequency dial of the  
internal clock oscillator

Start/stop-button of the  
internal clock oscillator

Manual step-button for the whole sequencer (all four rows, mode dependant)

Reset-button for  
the whole sequencer  
(all four rows, mode dependant)

Transpose input for analog  
control voltages 1 V/oct.

Module width 6 units

# The last analog sequencer you'll ever need...

The M569 is an analog step-sequencer with up to 32 positions, arranged in four rows.

Each row can be controlled absolutely independent from each other, so that the user has practically up to four separate sequencers at his disposal, each with its own clock- and reset-input jacks, and – at the same time – different running directions (up, down, random and “ping-pong”).

In addition the control voltage outputs can be switched between three ranges (2 V, 5 V and 10 V, with the 2 V and 5 V ranges supplying a (to 1/12 V) quantized output voltage.

Each step position has its own "step-mode"-switch to toggle the gate signal of the respective step position on or off.

In the "Function" position it (again separately for the four rows) can be defined as skip, reset or stop-command.

### The sequencer modes in detail:

## 1 x 32

All four rows run in series to achieve sequences of up to 32 steps; only **Reset Input 1** and **Shift Input 1** are active then; as well as the switches **Direction 1**, **Range 1** and **Function 1**.

With the **Direction** switch 2 in the **Down** or **Random** position the “ping-pong”-mode (up-down) is activated. All four gate- and voltage-outputs supply an identical output signal.

2 x 16

Rows 1 and 2 run in series, as well as rows 3 and 4 (1 & 2 and 3 & 4 in parallel), so up to 16 steps divided in two sequences are possible here.

Reset Input 1 & 3 and Shift Input 1 & 3 are active, just as the switches Direction 1 & 3, Range 1 & 3 and Function 1 & 3.

With **Direction** switches 2 resp. 4 in position **Down** or **Random**, the "ping-pong"-mode (up-down) is activated.

The gate-outputs 1 & 2, 3 & 4 and the control voltage-outputs 1 & 2, 3 & 4 supply each identical signals.

4 x 8

All four rows 1, 2, 3 & 4 run in parallel and independently from each other, all inputs, switches and jacks act separately, the four outputs deliver their own signal each. This is the "four-sequencers-in-one" mode.

2 x 8-8

Sort of "preset-subset" of the 4 x 8 mode.

All four sequencer-rows run always in parallel and in step, controlled by one common pair of shift- and reset commands, just like a "four-channel-sequencer".

1 x 16-16

Another "preset-subset", this time derived from the 2 x 16 mode.

The sequencer-rows 1/2 and 3/4 run always in parallel and in step, controlled by two common pairs of shift- and reset commands, just like a 16 step "two-channel-sequencer" – think 'stereo'.

# 569

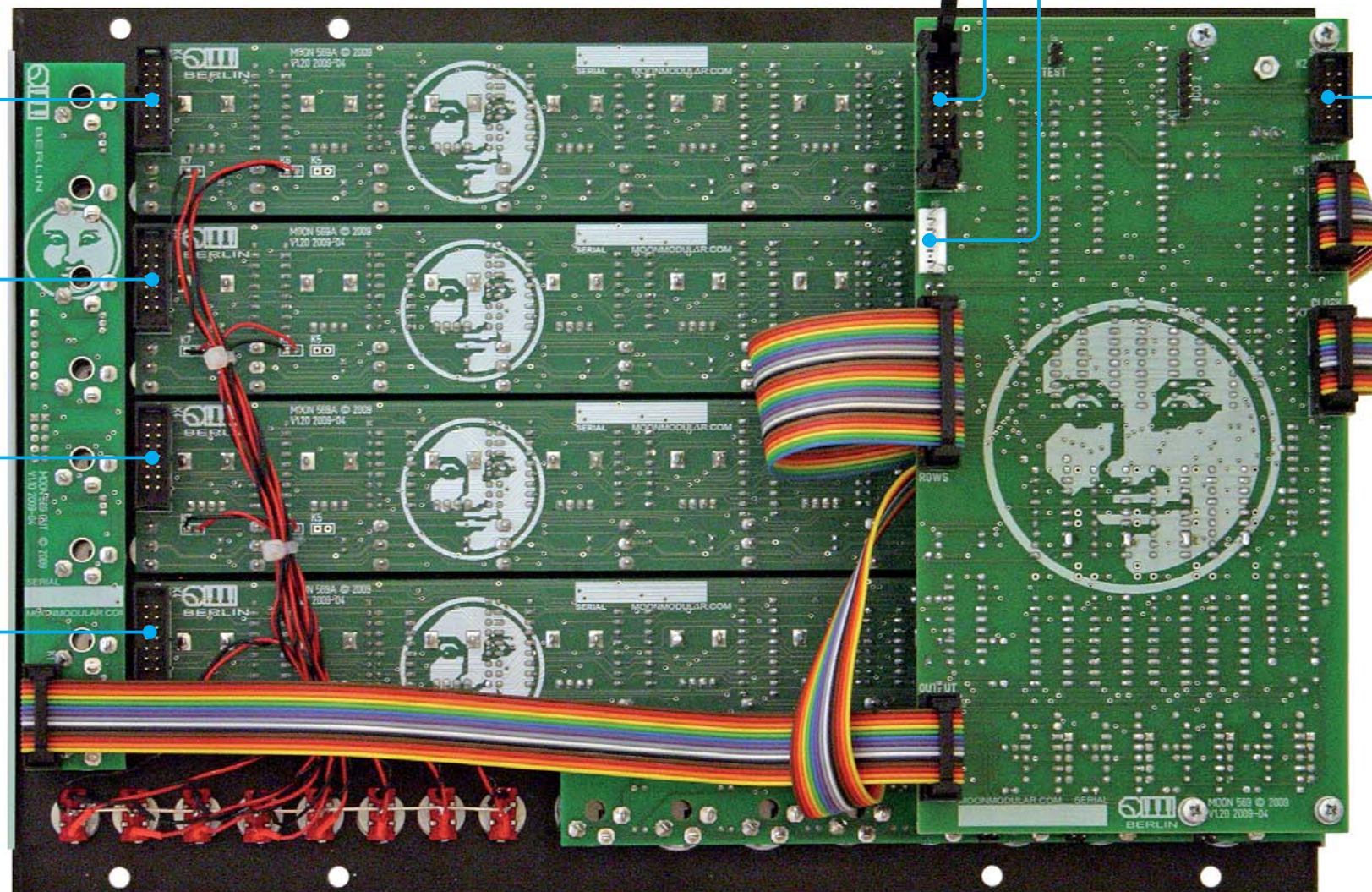
## QUAD SEQUENTIAL VOLTAGE SOURCE

Four connectors to attach an optional M569EG extension-module featuring 32 gate outputs jacks enabling direct access to all step positions of the sequencer

Power supply input for COTK cable adapter

Power supply input for synthesizers.com cable adapter

Connectors to attach the optional M569ES extension-module featuring 32 dedicated set input jacks for all step positions of the sequencer



Operating voltage  
 -Voltage = -12 to -15 volts  
 +Voltage = +12 to +15 volts

